

1743

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PATENT & TRADEMARK OFFICE

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
DI-5762 (112713-144)

In Re Application of Pan, L., et al.

Serial No. 10/024,170	Filing Date December 14, 2001	Examiner Unknown	Group Art Unit 1743
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Title:
AMMONIA AND AMMONIUM SENSORS

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Transmittal of Information Disclosure Statement (duplicate); Information Disclosure Statement (2 pgs.);
PTO Form-1449 (1 pg.); Sixteen References; One Abstract; return receipt postcard.

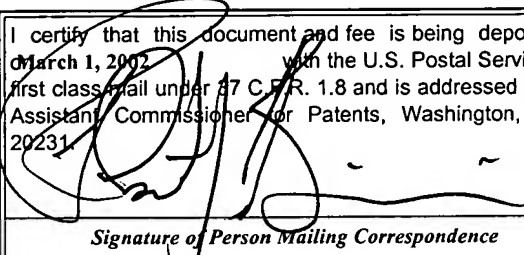
in the above identified application.

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Dated: **March 1, 2002**

Michael S. Leonard (Reg. No. 37,557)
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I certify that this document and fee is being deposited on March 1, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
 Signature of Person Mailing Correspondence
Robert J. Buccieri Typed or Printed Name of Person Mailing Correspondence

CC:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
DI-5762 (11272-144)

In Re Application Of: **Pat. Luc et al.**

Serial No.
10/024,170

Filing Date
December 14, 2001

Examiner
Unknown

Group Art Unit
1743

Title: **AMMONIA AND AMMONIUM SENSORS**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
DI-5762 (112713-14)

In Re Application: **Pen, et al.**

Serial No.

10/024,170

Filing Date

December 14, 2001

Examiner

Unknown

Group Art Unit

1743

AMMONIA AND AMMONIUM SENSORS

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
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Signature

Dated: March 1, 2002

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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pan, L., et al.
Appl. No.: 10/024,170
Filed: December 14, 2001
Title: AMMONIA AND AMMONIUM SENSORS
Art Unit: 1743
Examiner: Unknown
Docket No.: DI-5762 (112713-144)

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Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, copies of which are enclosed, be made during the course of examination of the above-identified application for United States patent.

U.S. PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
4,201,548	May 6, 1980	Tamaoku et al.
4,356,149	October 26, 1982	Kitajima et al.
4,621,643	November 11, 1986	New, Jr. et al.
4,661,246	April 28, 1987	Ash
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5,286,624	February 15, 1994	Terashima et al.
5,559,035	September 24, 1996	Jolly
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FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
61-225659	October 7, 1986	Japan
WO 97/30351	August 21, 1997	PCT

Foreign patent document 61-225659 Japan is not in the English language. An English abstract is enclosed for that document.

OTHER DOCUMENTS

Rhines, T., et al., "Simplex Optimization of a Fiber-Optic Ammonia Sensor Based on Multiple Indicators," Analytical Chemistry, Vol. 60, No. 1, January 1, 1988, pp. 76-81.

Werner, T., et al., "Ammonia-sensitive Polymer Matrix Employing Immobilized Indicator Ion Pairs," Analyst, Vol. 120, June 1995, pp. 1627-1631.

Kuswandi, B., et al., "A Simple Optical Flow Injection Ammonia Sensor," Analytical Letters, 31(3), (1998), pp. 395-410.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

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